

# MAGNALITE

7a  
Ri

brochure M-1960

obscuring-diffusing glass

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AIA File No. 26-A-4



## decorative functional glass

for use where wide light distribution with great obscurity is desired

Magnalite is a clear glass with series of cylindrically shaped lenses covering each surface and running at right angles to each other. The shape of these lenses in type "B" conforms to an exclusive optical formula to produce even light distribution over wide areas.

### features



opposing rows of smooth glass lenses at right angles to each other on opposite sides

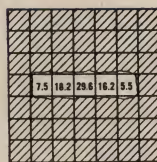
vertical section



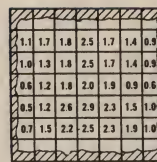
horizontal plan

- Design appeal
- Exclusive functional properties
- Great obscurity without surface treatments
- Easy to clean and keep clean
- Transmits abundance of mellowed light over wide areas (See chart)
- Dramatic effects with lights behind

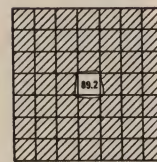
### even light distribution



RIBBED



MAGNALITE "B"  
WIRED



HAMMERED

### COMPARATIVE LIGHT DIFFUSION IMAGES OF SUNLIGHT

Figures are in relative percentages of incident light intensity.

### thicknesses and weights

type	thickness	weight sq. ft.	approx. wt. packed domestic cases
A plain	$\frac{7}{32}$ "	3.0 lbs.	3.7
B plain	$\frac{7}{32}$ "	3.0 lbs.	3.7
B wired	$\frac{1}{4}$ "	3.3 lbs.	4.0

### size sheets

Standard stock sheets up to 60" wide in even inches and up to 120", 132" and 144" long in random lengths.

**manufacture** Magnalite is manufactured by the Mississippi Glass Company.

**specification** Magnalite Type "A" or "B" Plain. Magnalite Type "B" Wired, Misco Mesh. Federal DD-G-451a, Type III (c), Class VI.

**distribution** Magnalite is sold domestically, by leading glass dealers everywhere and through established foreign agents. Free samples on request.

for schools • colleges • hospitals • institutions • art galleries • stores



Magnalite Type "A"—Screening main offices. Hurlb Elementary School, Woburn, Massachusetts. Perley F. Gilbert Associates, Architects.

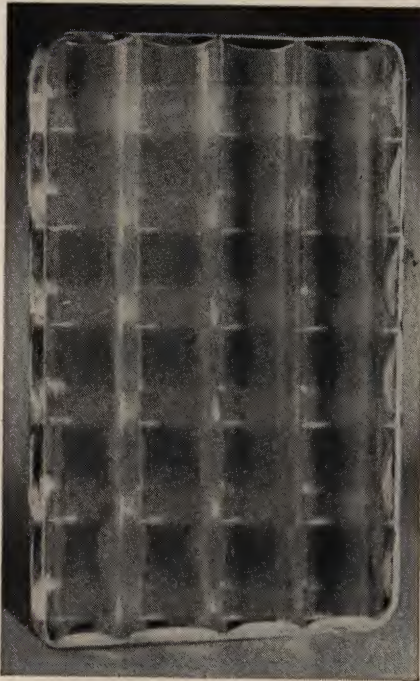


Magnalite Type "B" Wired—Glass in ceiling lights in corridor. Fox Point Elementary School, Providence, R. I. Cull & Robinson, Architects.

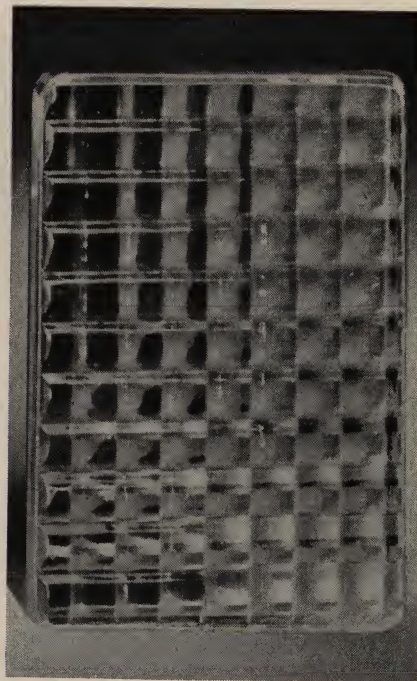


# Magnalite diffusing glass

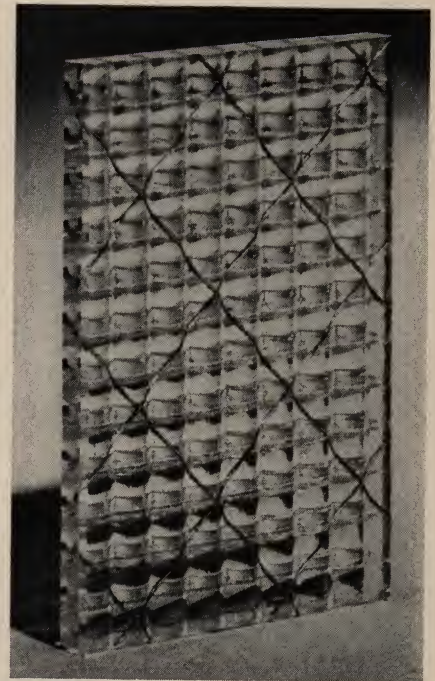
three types of glass — illustrations approximately actual size



**Magnalite type "A"**  
lenses approx.  $\frac{1}{2}$ " on centers



**Magnalite type "B"**  
lenses approx.  $\frac{1}{4}$ " on centers

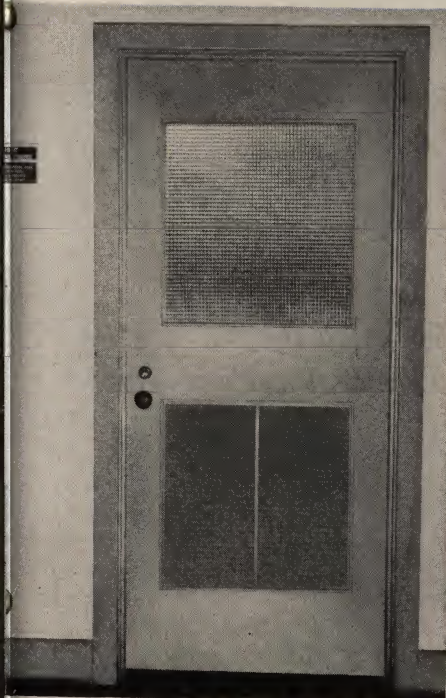


**Magnalite type "B" Wired**  
**Misco Mesh—exclusively**

Magnalite is a handsome glass original in design. Type "A" is distinctive, ornamental and produces striking effects. Type "B" is conservative and recommended where glass will not be a dominant feature.

**USES.** Both types are used in interior partitions, screens, divisions, doors, etc. Type "B" Wired is especially efficient in ceiling lights and for glazing illuminating units.

monumental buildings • residences • commercial offices • restaurants



**Magnalite Type "A"**—Over 4000 doors in the Pentagon.



**Magnalite Type "A"**—One of the nationally known Howard Johnson restaurants.



**Magnalite Type "A"**—Typical office division.



## various applications of Magnalite diffusing glass



**Magnalite Type "B"**—David Worcester Jr. High School, Stratford, Conn.; Charles Wellington Walker, Architect. (Basement windows glazed with Type "B" wired.)



**Magnalite Type "A"**—Lends an atmosphere of privacy and cheer to beauty salon.



**Magnalite Type "B" Misco Wire**—Better lighted corridors. Clara Barton Elementary School, North Oxford, Massachusetts. Franklyn R. Williams, Architect.



**Magnalite Type "A"**—Tanners National Bank, Woburn, Massachusetts.

**J. MERRILL RICHARDS**  
25 HUNTINGTON AVENUE  
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Magnalite Glass is sold by leading glass dealers everywhere.



**Magnalite Type "A"**—Glass in partitions—Sidney Hillman Medical Center of the Male Apparel Industry of Philadelphia. Louis Magaziner & Herman Polss, Archts.



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